

Stunning 18.4" Full HD masterpiece.

MULTIMEDIA POWERHOUSE

The VAIO® AW notebook combines the convenience and portability of a notebook with the power and performance of a desktop. Featuring a full-sized keyboard with number pad and an extra-wide 18.4" LCD (diag.) coupled with loads of RAM, external NVIDIA® graphics, and ample storage, this multimedia powerhouse is the perfect productivity and multimedia companion.

WIDER LCD WORKSPACE FOR MULTI-TASKING

A great productivity tool, the VAIO® AW notebook's extended widescreen display lets you view two documents or web sites side-by-side without tabbing back and forth. This convenient, time-saving feature is ideal for those who work with multi-display programs, such as Adobe Photoshop (sold separately), or those who simply require extra screen real estate.

LOADS OF EXTRAS

The AW notebook pulls out all the stops with loads of extras like an HDMI™ output, Bluetooth® technology, webcam, and more.

The VAIO® AW notebook is an HD multimedia powerhouse boasting an 18.4" extra-widescreen display with XBRITE-FullHD™ LCD technology. Designed to maximize LCD space while minimizing chassis size, this user-friendly notebook packs a powerful punch with Blu-ray Disc™ technology¹⁴, external NVIDIA® graphics and Intel® Centrino® 2 processor technology.



XBRITE-FullHD™



VGN-AW390JEH

VAIO® AW Series Notebook

Specifications

General

Computer Type: Notebook
 Type of Use: Desktop Replacement
 Action Buttons: S1, S2, Volume - / +, Mute, Play / Pause, Stop, Eject, WLAN / Bluetooth® on / off, A/V Mode
 Pointing Device: Electro-static touch pad
 Security: Biometric Fingerprint Sensor

Hardware

Keyboard: QWERTY, 103 keys, 19.05mm pitch, 2mm stroke
 Camera: Built-in MOTION EYE® camera and microphone with face-tracking technology

Processor

Type: Intel® Core™ 2 Duo processor T9600
 Speed: 2.80GHz²
 Front Side Bus Speed: 1066MHz
 L2 Cache: 6MB
 Technology: Intel® Centrino® 2 processor technology

Memory

Installed: 4GB PC2-6400 (2GbX2)
 Maximum: 8GB
 Type/Speed: DDR2/800MHz

Hard Drive

Capacity: 320 GB²
 Speed: 7200rpm
 Type: Serial ATA

Optical Drive

BD-R DL Read: 2x max
 BD-R Read: 2x max
 BD-RE DL Read: 2x max
 BD-RE Read: 2x max
 BD-ROM Read: 2x max
 Blu-ray Disc™ Support: Read Only¹⁴ (BD-ROM)
 CD Support: Read / Write (CD/-R/-RW)
 DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

Expansion Slots

Multimedia Card Reader: CompactFlash® media slot

One Memory Stick PRO™ (Standard / Duo) media slot with MagicGate® functionality

One ExpressCard® /34 media slot

One Secure Digital (SD memory card) media slot

Audio

Sound System: Intel® High Definition Audio with Dolby® Digital Live
 Speakers (Total): Built-in stereo speakers + 2W subwoofer

Display

Screen Size: 18.4"¹⁶
 Resolution: 1920 x 1080
 XBRITE-FullHD™ Technology: Yes

Graphics

Processor: NVIDIA® GeForce® 9600M GT GPU with Total Available Graphics Memory of 2280MB (max.)¹⁷
 Video RAM: 512MB dedicated video RAM
 Chipset: Mobile Intel® PM45 Express Chipset
 Max. External Resolution via VGA: 2048x1536
 Max. External Display Resolution via HDMI™ : 1920x1080
 Max. External Resolution via DVI: 1920x1200

Inputs and Outputs

Microphone Input: 1
 USB Port(s): 3 (2.0 compliant)
 VGA Output(s): 1
 DC-In: 1
 i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)⁷
 Headphone Output(s): 1
 Optical Audio Digital Output(s): 1
 S/PDIF Output(s): 1
 Ethernet Connection (s): 1
 HDMI™ Output(s): 1

Power

Battery Type: Standard Capacity Lithium-ion Battery (VGP-BPS13/B)
 Estimated Battery Life: Up to 2.5 hours⁸ Standard Capacity Battery
 Up to 3.5 hours⁸ Large Capacity Battery
 Power Requirements: 150W + 10%
 Input Voltage: 100-240V

Wireless/Networking

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T (Gigabit)
 Ethernet Speed: Fast Ethernet (RJ-45)
 Wi-Fi: Intel® WiFi Link 5100AGN (802.11a/b/g/n)³
 Bluetooth® Technology: Integrated Stereo A2DP
 Bluetooth® Technology (2.1 + EDR)¹⁵

Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium 64-bit¹²
 Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007¹¹
 The VAIO® Software Experience: VAIO® Startup Assistant
 VAIO® Care
 VAIO® Multimedia Suite: VAIO® Startup Assistant
 Click to Disc Editor - Import, Edit, Burn
 VAIO® Movie Story - Simple Movie Creation
 VAIO® MusicBox - Music by Mood
 VAIO® Media plus - Multimedia Streaming Software
 *Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.
 Anti-Virus Software: Norton Internet Security™ 2009 30-Day Trial Offer¹³

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7¹⁰.
 Online and Email Support: Support available from <http://www.esupport.sony.com/EN/VAIO>
 Limited Warranty Term: 1 year limited warranty¹¹. See actual warranty for details.

Environmental Information

EPEAT™ : Silver
 RoHS®: Compliant
 For more information: www.sony.com/vaioeco

Dimensions

Weight: 8.2 lbs⁷ (with standard capacity battery)
 Measurements: 17.2"(W) x 1.45 - 1.56"(H) x 11.4"(D)^{5,6}

Supplied Accessories

Power Cord
 Standard Capacity Lithium-ion Battery (VGP-BPS13/B)
 AC Adapter (VGP-AC19V15)

Optional Accessories

Additional Standard Capacity Battery (VGP-BPS13A/B)
 Large Capacity Battery (VGP-BPL13)
 Additional AC Adapter (VGP-AC19V15)
 Bluetooth® Laser Mouse (VGP-BMS33)¹⁶

Non-Contact Rechargeable Bluetooth® Mouse (VGP-BMS77)¹⁶
 Canvas Urban Messenger Bag (VGP-AMB12)

Color: Gray
 UPC Code: 027242775138

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services.
4. Viewable area measured diagonally.
5. Non-metric weights and measures are approximate and may vary.
6. Measured at the narrowest point.
7. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
8. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
9. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.esupport.sony.com, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
10. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
11. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
12. Compatibility and performance in a 64 bit environment may vary. Check with the manufacturer of your software or accessory to ensure you have the latest updates.
13. Video recording to Blu-ray Disc™ media is done in MPEG2 and AVC formats
14. Certain circumstances may limit/prevent Blu-ray Disc™ media playback. For optimal performance, download all updates from <http://esupport.sony.com/EN/DRIVERS>.
15. Norton Internet Security™ 2009 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. You can activate in the Sony VAIO Startup Assistant or by double clicking the Norton Internet Security icon on your desktop. After your 30 days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identity theft.
16. Interoperability and compatibility among Bluetooth® devices vary.
17. Total Available Graphics Memory refers to the new Windows Vista® classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.

Computer Interface: For this product, there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice.
 Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
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 Printed 03/09.